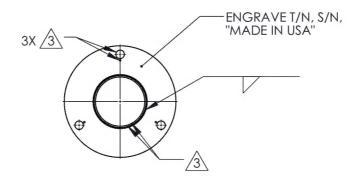
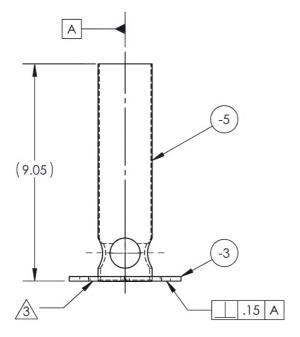


 REVISIONS

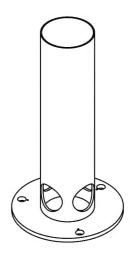
 REV
 ECR
 DESCRIPTION
 DATE
 INITIAL
 APPROVED







OUTER WELDMENT



NOTES: DUAL FINISH:

1. ZINC PLATE: ASTM B633 TYPE I SC2

2. POWDER COAT YELLOW: FED #13538

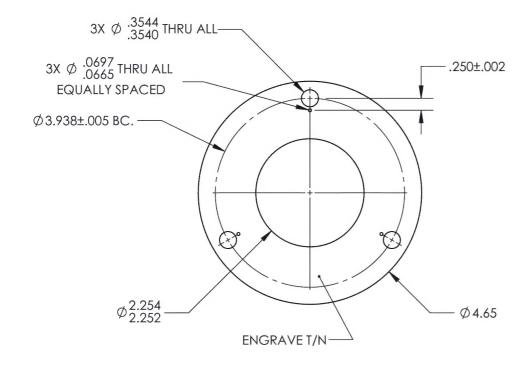
 $\sqrt[3]$ no powder coat on surface.

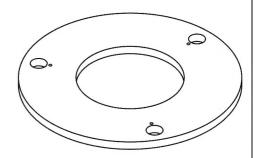


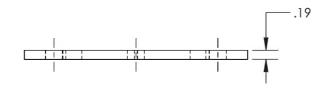
ENGINE ALIGNMENT DEVICE

DWG NO. RBE105-60101W4-1 UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
.XXX ± .010 FRACTIONS ± 1/8
.XX ± .03 ANGLES ±1° TREAT FINISH SEE NOTES .XX ± .03 SURFACES = 125/ SPEC 1. BREAK ALL SHARP EDGES .015 x 45 'OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING 3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009 DRAWN BY: MACKOVJAK CHECKED: CLOUGH OPPS APPR: ANDERSON QA APPR: USED ON MODEL LINDSAY APPROVED: GILBERT H145 SCALE 7/28/2016 SHEET 2 OF 11 1:4

	revisions			
REV ECF	DESCRIPTION	DATE	INITIAL	APPROVED









OUTER PLATE



ENGINE ALIGNMENT DEVICE

RBE105-60101W4-3

RBE105-60101W4-3							
MAT'L A36/1	018/1020 HR				S OTHERWISE SPECIF		
HEAT TREAT				.XXX ± .010	FRACTIONS ± 1/8	.5	
FINISH SEE-	1			.XX ± .03	ANGLES ±1° SURFACES = 1	25/	
	SPEC				1. BREAK ALL SHARP EDGES		
DRAWN BY: MACKOVJAK			.015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY				
CHECKED:	CLOUGH	ł		AFTER PLATING 3. INTERPRET DIM AND TOL PER			
OPPS APPR: ANDERSON			ASME Y14.5M-2009				
QA APPR: LINDSAY			USED ON MODEL				
APPROVED: GILBERT			H145				
SCALE	1:2	1:2 DATE 7/2			SHEET 3 OF	11	

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.XXX ± .010 FRACTIONS ± 1/8

.XX + .03 ANGLES ±1°

X ± .1 SURFACES = 125/ HEAT TREAT FINISH SEE -1 SPEC 1. BREAK ALL SHARP EDGES .015 x 45 'OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING 3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009 DRAWN BY: MACKOVJAK CHECKED: CLOUGH (-5) OPPS APPR: ANDERSON QA APPR: LINDSAY APPROVED: GILBERT **OUTER TUBE** SCALE 1:4 7/28/2016

INITIAL APPROVED

DATE

UNLESS OTHERWISE SPECIFIED

USED ON MODEL

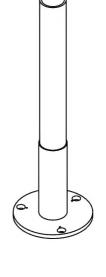
H145

SHEET 4 OF 11



INNER WELDMENT





NOTES:

DUAL FINISH:

- 1. ZINC PLATE: ASTM B633 TYPE I SC2
- 2. POWDER COAT YELLOW: FED #13538

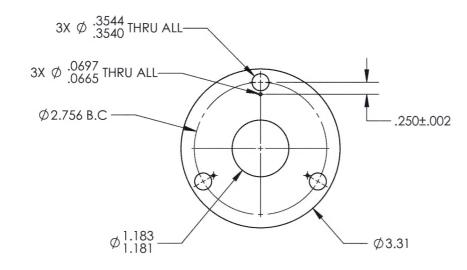
 $\stackrel{\frown}{3}$ no powder coat on surface.

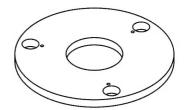


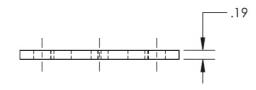
ENGINE ALIGNMENT DEVICE

DWG NO. RBE105-60101W4-7 UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
.XXX ± .010 FRACTIONS ± 1/8 TREAT FINISH SEE NOTES .XX ± .03 ANGLES ±1° SURFACES = 125/ SPEC 1. BREAK ALL SHARP EDGES .015 x 45 'OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING 3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009 DRAWN BY: MACKOVJAK CHECKED: CLOUGH OPPS APPR: ANDERSON QA APPR: USED ON MODEL LINDSAY APPROVED: GILBERT H145 SCALE 7/28/2016 SHEET 5 OF 11 1:4

		REVISIONS REVISIONS			
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED









INNER PLATE



ENGINE ALIGNMENT DEVICE

PRE105_60101W/4_9

NDL103-00101 VV 4-7								
MAT'L A36/10	MAT'L A36/1018/1020 HR				S OTHERWISE SPECIF			
HEAT TREAT				.XXX ± .010	FRACTIONS ± 1/8	:5		
FINISH SEE -7				.XX ± .03	ANGLES ±1° SURFACES = 1	25/		
SPEC				1. BREAK AL	7			
DRAWN BY: MACKOVJAK			.015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY					
CHECKED:	CLOUGH	1		AFTER PLATING				
OPPS APPR: ANDERSON			3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009					
QA APPR:	A APPR: LINDSAY			USED ON MODEL				
APPROVED:	GILBERT			H145				
SCALE	1:2	DATE	7/2	28/2016	SHEET 6 OF	11		

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.XXX ± .010 FRACTIONS ± 1/8

.XX ± .03 ANGLES ±1°

.X ± .1 SURFACES = 125/ HEAT TREAT FINISH SEE -7 -.05 X 45° SPEC 1. BREAK ALL SHARP EDGES .015 x 45 'OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING 3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009 DRAWN BY: MACKOVJAK CHECKED: CLOUGH OPPS APPR: ANDERSON QA APPR: USED ON MODEL LINDSAY

INNER TUBE

APPROVED:

SCALE

GILBERT

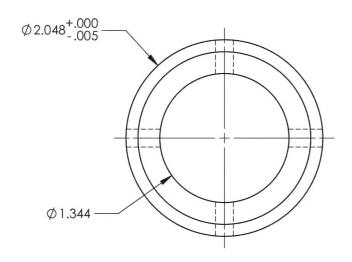
1:2

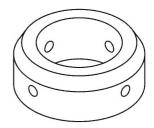
H145

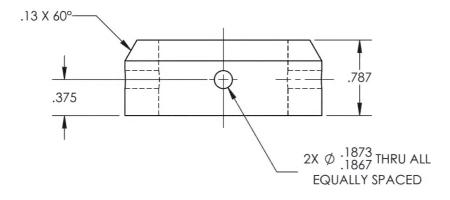
SHEET 7 OF 11

7/28/2016

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REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED		







INNER ALIGNMENT BUSHING



ENGINE ALIGNMENT DEVICE

RBE105-601-60101W4-13

MAT'L A36/1018/1020 HR

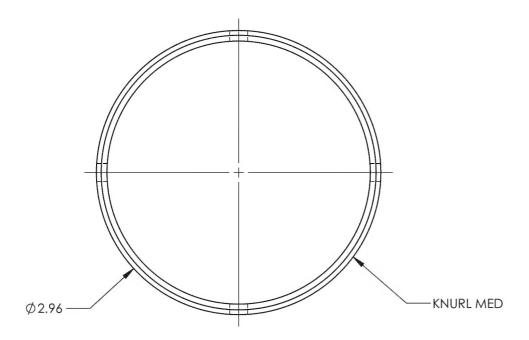
UNLESS OTHERWISE SPECIFIED SURFACES = 125/

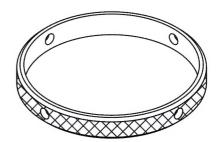
HEAT TREAT FINISH ZINC PLATE SPEC ASTM B633 TYPE I SC 2 DRAWN BY: MACKOVJAK

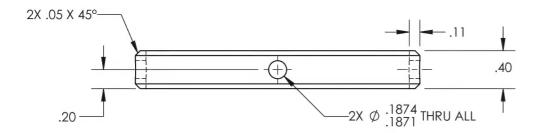
1. BREAK ALL SHARP EDGES .015 x 45 'OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING 3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009 CHECKED: CLOUGH OPPS APPR: ANDERSON QA APPR: USED ON MODEL LINDSAY APPROVED:

GILBERT H145 SCALE 7/28/2016 SHEET 8 OF 11 1:1

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REV EC	DESCRIPTION	DATE	INITIAL	APPROVED









RING



ENGINE ALIGNMENT DEVICE

DWG NO.	RBE105-60	60101W4-15		
MAT'L A36/10	018/1020 HR	UNLESS OTHERWISE SPECIFI		
HEAT TREAT		.xxx ± .005 FRACTIONS ± 1/8	3	
FINISH ZINC F	PLATE	XX ± .01 ANGLES ±.5° X ± .1 SURFACES = 12	5/	
SPEC ASTM	B633 TYPE I SC 2	1. BREAK ALL SHARP EDGES	7	
DRAWN BY:	MACKOVJAK	.015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY		
CHECKED:	CLOUGH	AFTER PLATING		
OPPS APPR:	ANDERSON	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009		
QA APPR:	LINDSAY	USED ON MODEL		
APPROVED:	GILBERT	H145		

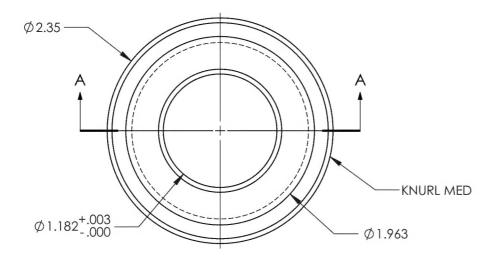
7/29/2016

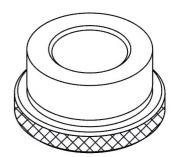
SHEET 9 OF 11

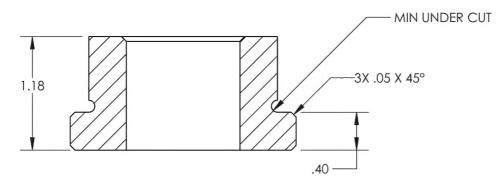
SCALE

1:1

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REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED			







SECTION A-A



OUTER ALIGNMENT BUSHING

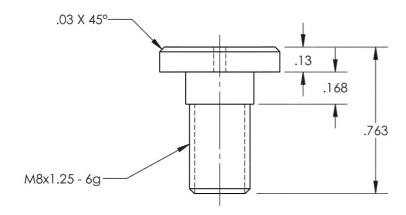


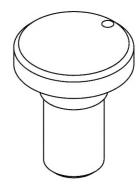
ENGINE ALIGNMENT DEVICE

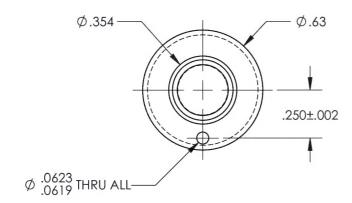
RBE105-60101W4-17

		100	00	710144-	т 17	1	
MAT'L A36/10	18/1020 HR			UNLESS OTHERWISE SPECIFIE DIMENSIONS ARE IN INCHES			
HEAT TREAT				.XXX ± .005	FRACTIONS ± 1/8		
TREAT FINISH ZINC PLATE				.XX ± .01	ANGLES ±.5° SURFACES = 1	25/	
SPEC ASTM B633 TYPE I SC 2				1. BREAK ALI	7		
DRAWN BY: MACKOVJAK			.015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY				
CHECKED: CLOUGH		1		AFTER PLA	AFTER PLATING		
OPPS APPR:	ANDERSON		3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009				
QA APPR: LINDSAY			USED ON MODEL				
APPROVED:	GILBERT		H145				
SCALE	1.1	DATE	7/2	9/2016	SHEET 10 OF	11	

	REVISIONS			
REV ECR	DESCRIPTION	DATE	INITIAL	APPROVED









FASTENER



ENGINE ALIGNMENT DEVICE

RBE105-60101W4-19

		105-	-00	7101772	+-17	1	
MAT'L 4140/4	142		UNLESS OTHERWISE SPECIFIED				
HEAT RC 28-	-34			DIMENSIONS ARE IN INCHE .XXX ± .005 FRACTIONS ± 1/8			
FINISH ZINC F	PLATE		.XX ± .01	ANGLES ±.5° SURFACES = 12	55/		
SPEC ASTM B633 TYPE I SC 2				1. BREAK ALL SHARP EDGES			
DRAWN BY:	MACKO\	/JAK		.015 x 45° C	OR .015R NAL LIMITS APPLY		
CHECKED:	CLOUGH	1	AFTER PLATING 3. INTERPRET DIM AND TOL				
OPPS APPR:	ANDERS	SON		ASME Y14.			
QA APPR: LINDSA'		1		USED ON MODEL			
APPROVED:	GILBERT				H145		
SCALE 2:1		DATE	7/2	29/2016	SHEET 11 OF	11	